

Attorney Docket No.: DEX-0172
Inventors: Salceda et al.
Serial No.: 09/763,978
Filing Date: April 25, 2001
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claims 1-13 canceled

Claim 14: (currently amended) An isolated antibody or antibody fragment that binds specifically to ~~an ovarian-specific native protein expressed by a gene comprising a~~ protein encoded by a polynucleotide sequences of any of SEQ ID NO: 1, 10, 11, 12, 13 or 16.

Claim 15: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ~~ovarian-specific native protein expressed by the gene comprising~~ protein encoded by the polynucleotide sequence of SEQ ID NO: 1.

Claim 16: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ~~ovarian-specific native protein expressed by the gene comprising~~ protein encoded by the polynucleotide sequence of SEQ ID NO: 10.

Claim 17: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ~~ovarian-specific native protein expressed by the gene comprising~~ protein encoded by the polynucleotide sequence of SEQ ID NO: 11.

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Claim 18: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ~~ovarian-specific native protein~~ expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 12.

Claim 19: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ~~ovarian-specific native protein~~ expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 13.

Claim 20: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ~~ovarian-specific native protein~~ expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 16.

Claim 21: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody is a monoclonal antibody.

Claim 22: (currently presented) The isolated antibody or antibody fragment of claim 14 wherein the antibody or antibody fragment is attached to a reagent selected from the group consisting of radioactive reagents, fluorescent reagents and enzymatic reagents.

Claim 23: (currently amended) The isolated antibody or antibody fragment of claim 22 wherein the enzymatic reagent is horseradish peroxidase or alkaline phosphatase.

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Claim 24: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody or antibody fragment specifically binds to the ~~native~~ protein in cells, tissues, tissue extracts or bodily fluids.

Claim 25: (currently amended) The isolated antibody or antibody fragment of claim 24 wherein the antibody is a monoclonal antibody.

Claim 26: (currently amended) The isolated antibody or antibody fragment of claim 24 wherein the bodily fluids are selected from the group consisting of blood, urine, saliva and bodily secretions.

Claim 27: (currently amended) The isolated antibody or antibody fragment of claim 26 wherein blood is whole blood, plasma, or serum ~~or a derivative of blood~~.

Claim 28: (currently amended) A method for binding an antibody or antibody fragment to ~~ovarian-specific native a~~ protein encoded by polynucleotide sequences of any of SEQ ID NO: 1, 10, 11, 12, 13 or 16 on a cell comprising contacting the cell with an isolated antibody or antibody fragment that binds specifically to ~~an ovarian-specific native protein expressed by the gene comprising protein~~ encoded by polynucleotide sequences of any of SEQ ID NO: 1, 10, 11, 12, 13 or 16.

Claim 29: (currently amended) The method of claim 28 wherein the antibody or antibody fragment binds

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specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising~~ protein encoded by the
polynucleotide sequence of SEQ ID NO: 1.

Claim 30: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising~~ protein encoded by the
polynucleotide sequence of SEQ ID NO: 10.

Claim 31: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising~~ protein encoded by the
polynucleotide sequence of SEQ ID NO: 11.

Claim 32: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising~~ protein encoded by the
polynucleotide sequence of SEQ ID NO: 12.

Claim 33: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising~~ protein encoded by the
polynucleotide sequence of SEQ ID NO: 13.

Claim 34: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~

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expressed by the gene comprising protein encoded by the
polynucleotide sequence of SEQ ID NO: 16.

Claim 35: (previously presented) The method of claim 28
wherein the antibody is a monoclonal antibody.

Claim 36: (currently amended) The method of claim 28
wherein the antibody or antibody fragment is attached to a
reagent selected from the group consisting of radioactive
reagents, fluorescent reagents and enzymatic reagents.

Claim 37: (previously presented) The method of claim 36
wherein the enzymatic reagent is horseradish peroxidase or
alkaline phosphatase.